

REMARKS

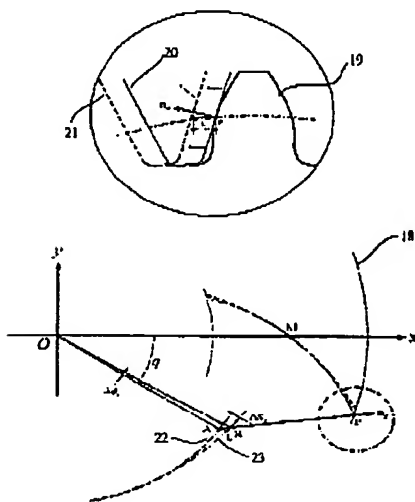
This case has been carefully reviewed and analyzed in view of the Official Action dated December 27, 2005.

The Examiner has objected to claim 111. Claim 111 has been corrected to claim 11 in order to overcome the objection.

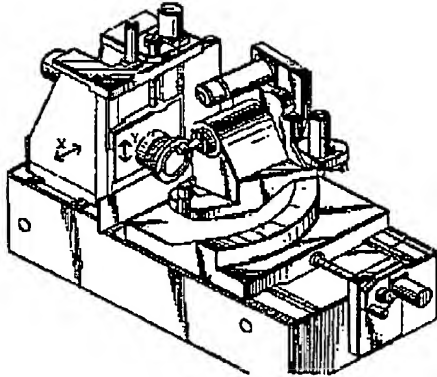
Further, the Examiner has rejected claims 9-11 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 9 has been amended in order to overcome the rejection.

Regarding the questions raised by the Examiner, the applicant would like to answer as follows:

Conventionally, the tool radial position is set fixed in processing modified lengthwise curvature method using traditional swing table gear-milling machine adopted with generate method. Therefore, methods are usually adopted in altering the radius of a milling cutter. According to present invention, as illustrated in the following figure, the tool radial position is altered, not the radius of the milling cutter, to conduct the processing method of modifying lengthwise curvature.



The length of the tool radial position, in the present invention, is adjusted by x-axis sliding block and y-axis sliding block of the CNC gear-milling machine using generating method, as demonstrated in the following figure.



X-axis and y-axis sliding blocks are moving independently in opposite direction. The motion of the x-axis sliding block and y-axis sliding block are regulated by its associated own power motor, thus there are no two sets of gears.

It is now believed that the subject Patent Application has been placed in condition of allowance, and such action is respectfully requested.

Respectfully submitted,

Signature

Leong C Lei

Registration No. 50402

March 23, 2006

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.